

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

407.05A – Inspection of Extrication Equipment

Discipline: Vehicle Extrication
Effective: 2/5/2014
Revised:
Replaces:

Anne Huff, Fire Chief

I. Objective

To ensure that equipment is in good working order, it is essential that it is properly maintained in accordance with the manufacturer's instructions. The firefighter shall demonstrate how to properly inspect extrication equipment utilized at vehicle rescue and extrication incidents.

II. Instructions – Procedures for Achieving the Objective

Given a set of vehicle extrication tools you will demonstrate the proper procedures to inspect and maintain those tools which may be required to extricate an entrapped victim of a motor vehicle accident.

You will begin on my instruction to start. The skill will end when you state to me you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The firefighter shall accomplish the skill wearing "FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS" as required by the Texas Commission on Fire Protection to include: helmet, gloves, coat, trousers, and boots. Eye Protection shall be worn at all times during this evolution. The firefighter is not required to wear an SCBA or hood.

The firefighter will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Hydraulic devices
 - 1. Power Plant
 - 2. Spreader
 - 3. Cutter
 - 4. Rams

V. Reference Sources

- A. IFSTA, Principles of Vehicle Extrication, Second Edition

407.05A – Extrication Equipment Inspection

Discipline: Vehicle Extrication

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

If the Responder:

(No partial points given)

Power Unit

- a) Visually inspects power unit for cleanliness and damage.....2.0 _____
- b) Visually inspects all fluid levels (Fuel , Engine Oil , Hydraulic Fluid).....2.0 _____
- c) Visually inspects couplers for cleanliness and proper function.....2.0 _____
- d) Cleans and inspects dust caps and secures back in place.....2.0 _____

Hydraulic Hose

- a) Visually inspects hose for cleanliness.....2.0 _____
- b) Visually inspects hose for damage (cuts, abrasion's, Kinks).....2.0 _____
- c) Visually inspects couplers for cleanliness and proper function.....2.0 _____
- d) Cleans and inspects dust caps and secures back in place.....2.0 _____

Cutters

- a) Visually inspects cutters for cleanliness and damage2.0 _____
- b) Visually inspects cutter blades for damage (Nicks, Twisting).....2.0 _____
- c) Visually inspects pigtail for damage (cuts, abrasion's, kinks).....2.0 _____
- d) Cleans and inspects dust caps and secures back in place.....2.0 _____
- e) Attaches cutter to power unit and operates in safe a manner..... 2.0 _____
- f) Stores cutters with tips slightly overlapping.....2.0 _____

Spreaders

- a) Visually inspects spreaders for cleanliness and damage2.0 _____
- b) Visually inspects spreader tips for damage (Nicks, Twisting).....2.0 _____
- c) Visually inspects pigtail for damage (cuts, abrasion's, kinks).....2.0 _____
- d) Cleans and inspects dust caps and secures back in place.....2.0 _____
- e) Attaches spreaders to power unit and operates in a safe manner.....2.0 _____
- f) Stores spreaders with tips slightly open.....2.0 _____

Rams

- a) Visually inspects rams for cleanliness and damage.....2.0 _____
- b) Visually inspects Hydraulic Rod for damage..... 2.0 _____
- c) Visually inspects pigtail for damage (cuts, abrasion's, kinks).....2.0 _____
- d) Cleans and inspects dust caps and secures back in place.....2.0 _____
- e) Attaches rams to power unit and operates in a safe manner.....2.0 _____
- f) Stores rams with Hydraulic Rod slightly extended..... 2.0 _____

Equipment Storage

- a) Stores equipment in a safe approved manner.....2.0 _____
- b) Verbally states all extrication equipment in good working order.....2.0 _____

Note: Attach this page to the first.

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
56	48	First			
		Second			